

WO 00/26251

Inventor: Jordan L. HOLTZMAN
Docket No.: USWO
Title: A COMPLEX OF A CHAPERONE WITH B-AMYLOID AND METHODS EMPLOYING
COMPLEX
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PCT/US99/25593

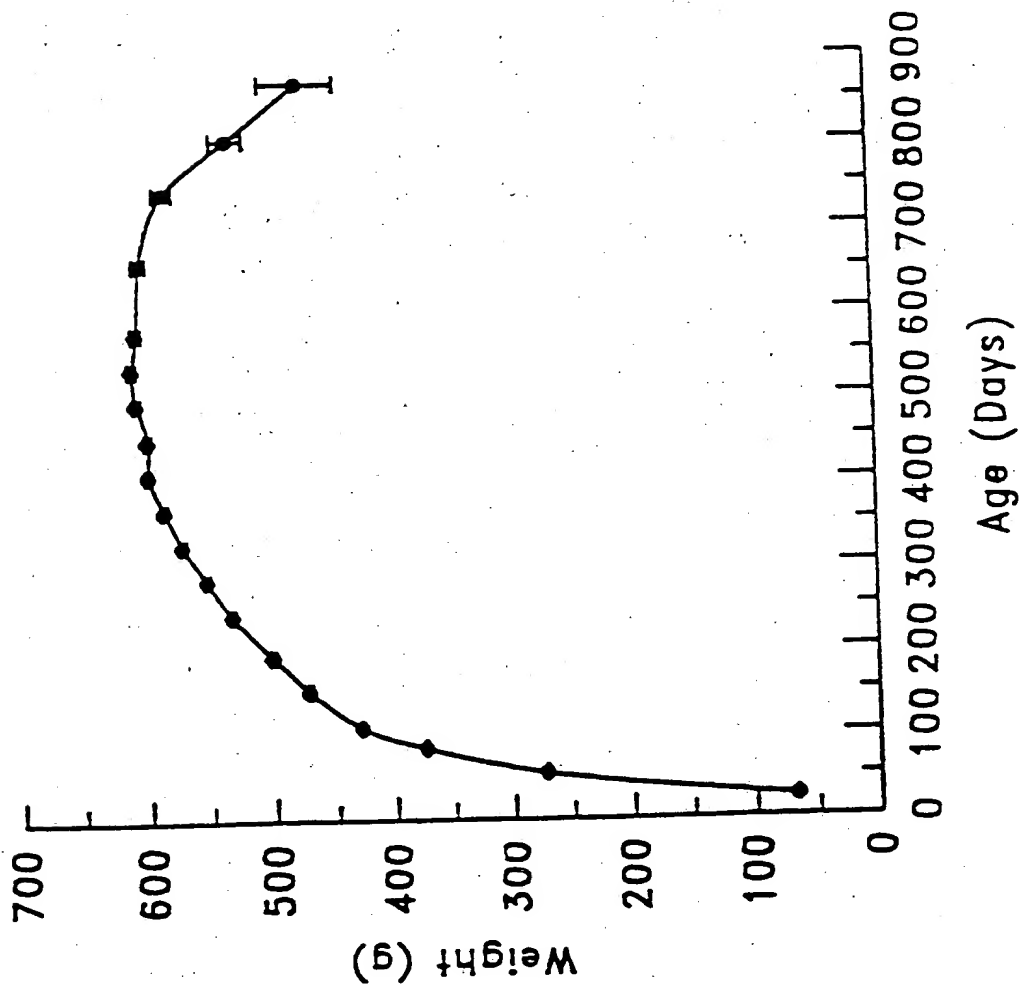


Figure 1: Animal Weights as a Function of Age

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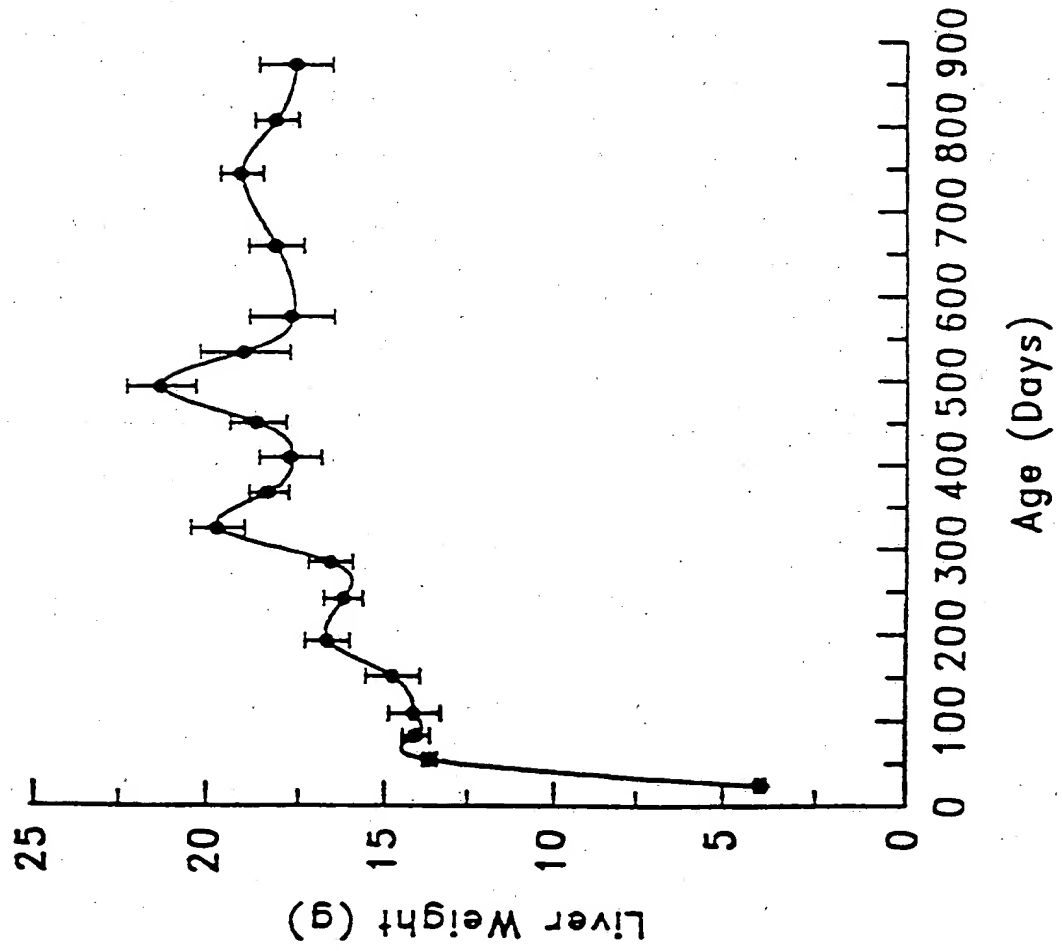


Figure 2: Liver Weights as a Function of Age

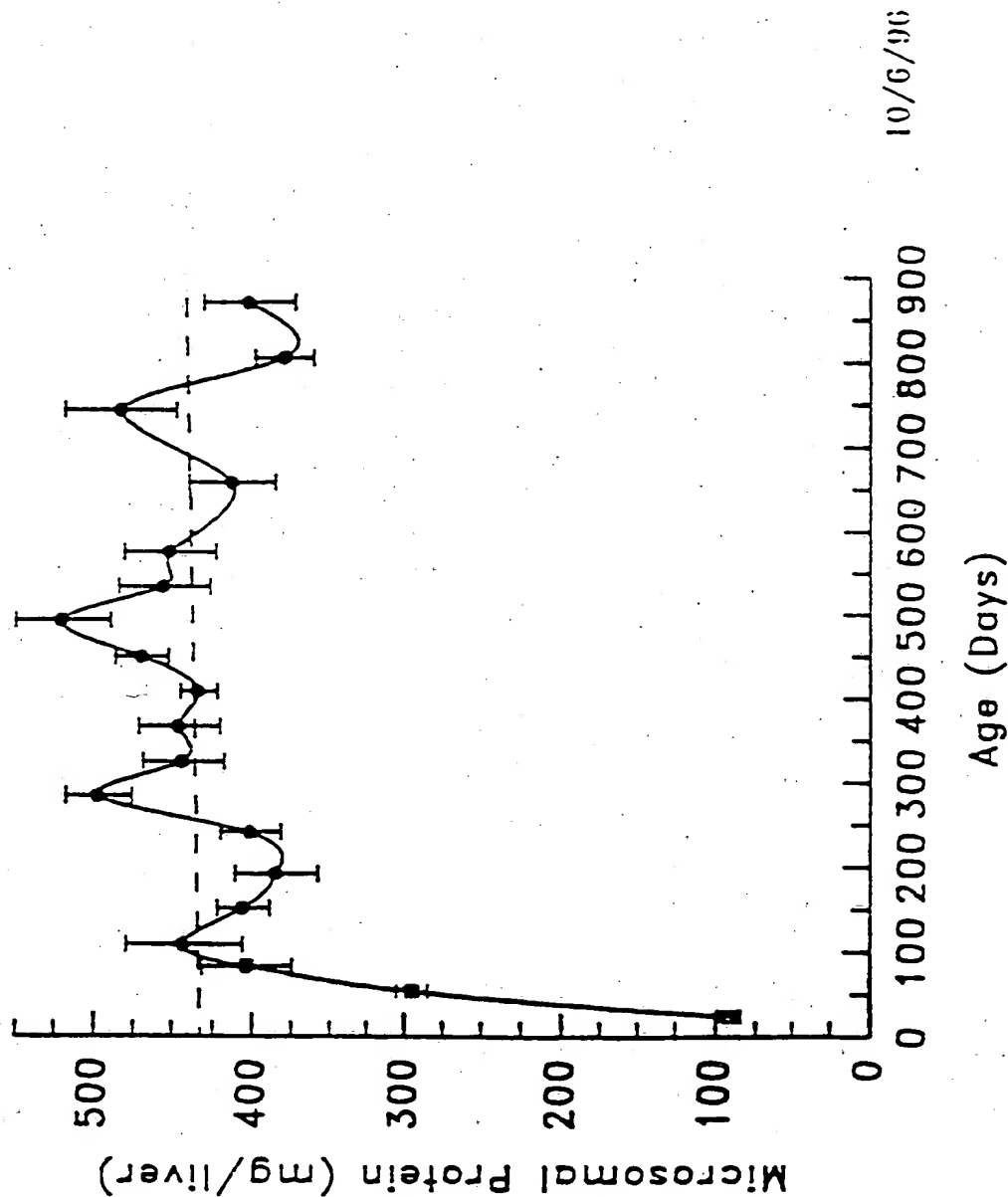


Figure 3: Microsomal Protein per gram Liver as a Function of Age

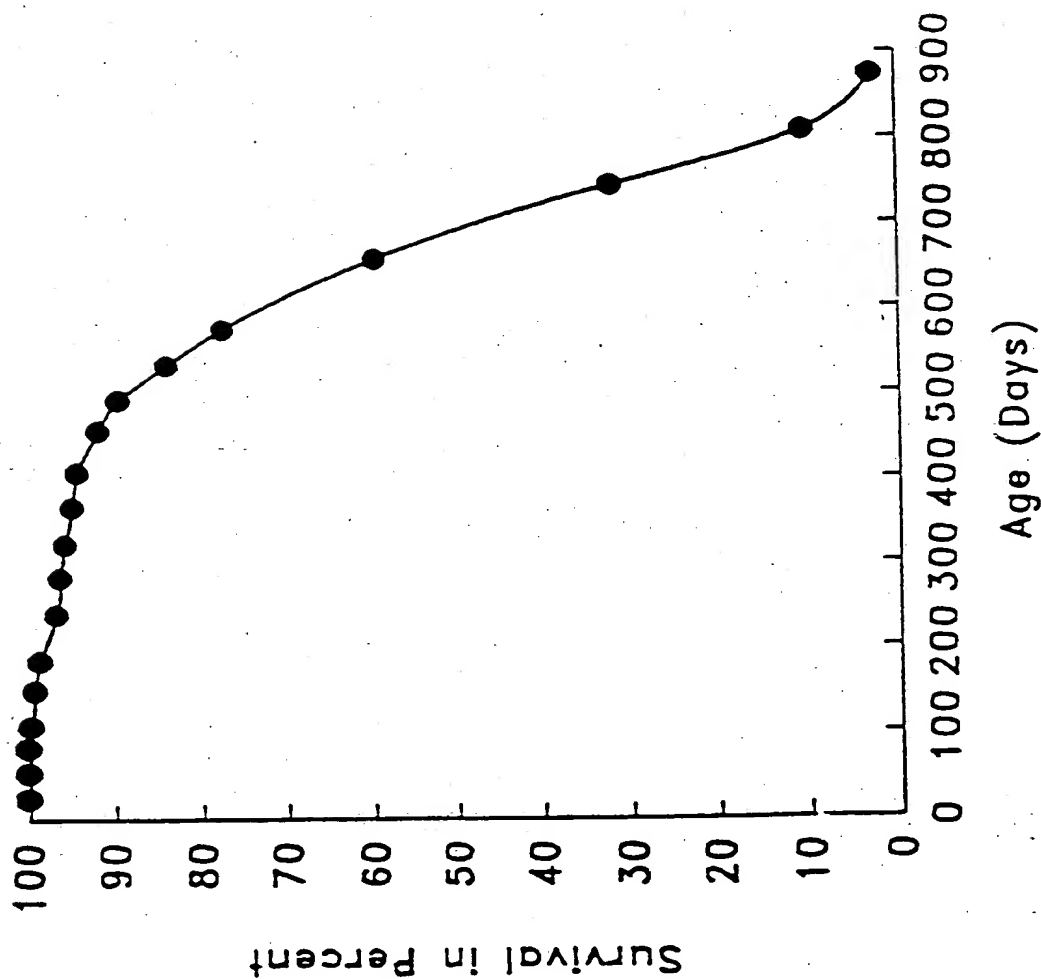


Figure 4: Life Table Analysis of Animal Survival

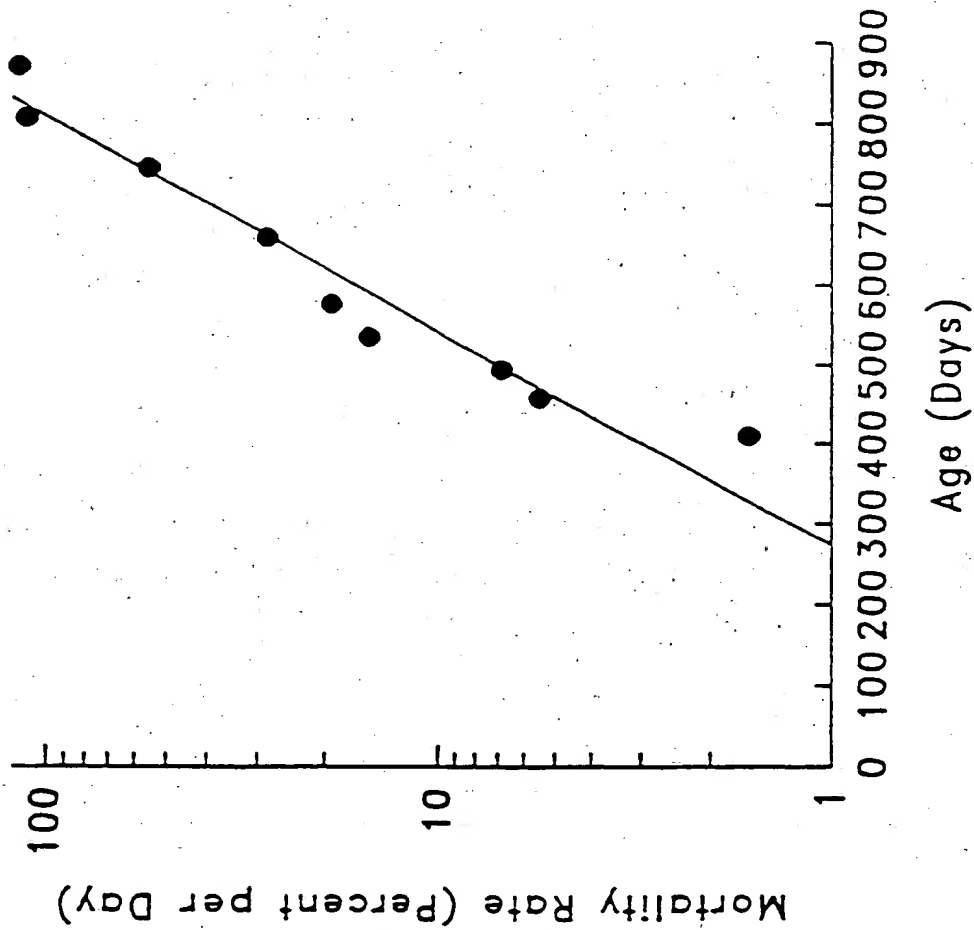


Figure 5: Mortality Rate versus Age

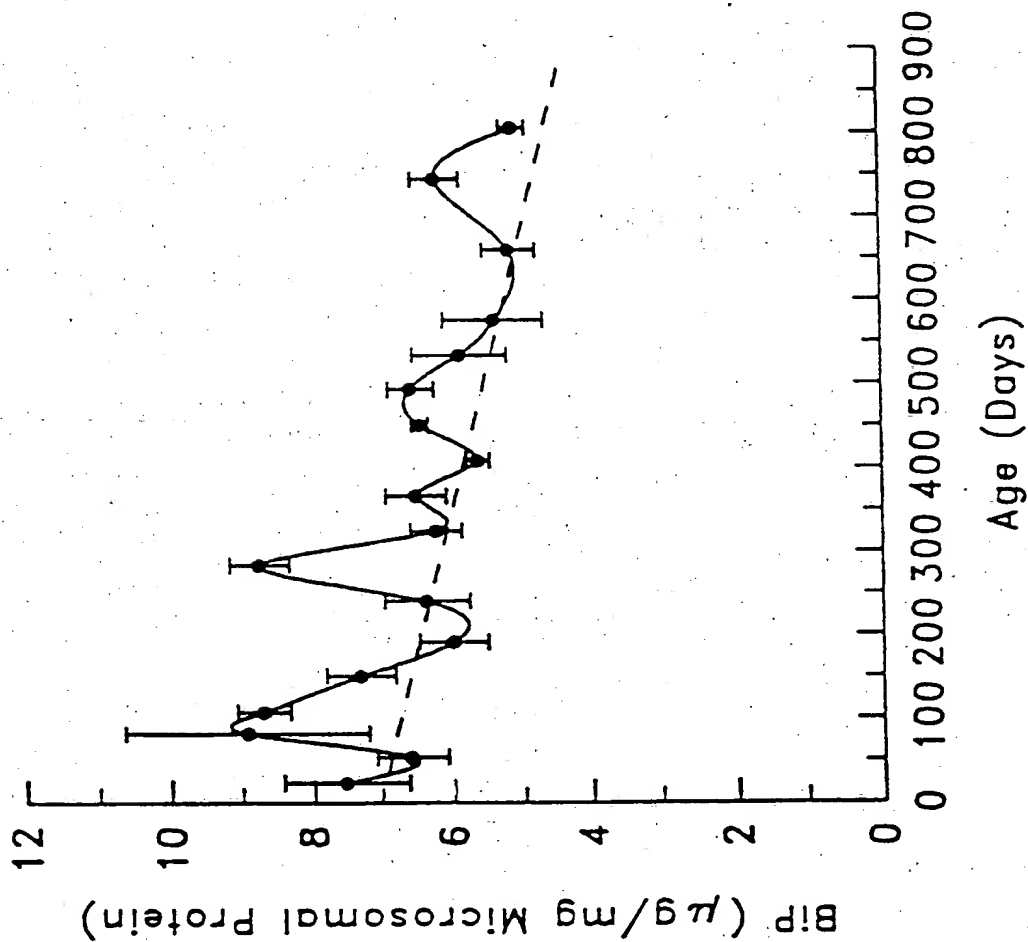


Figure 11: Effect of Age on the Hepatic, Microsomal BIP Levels

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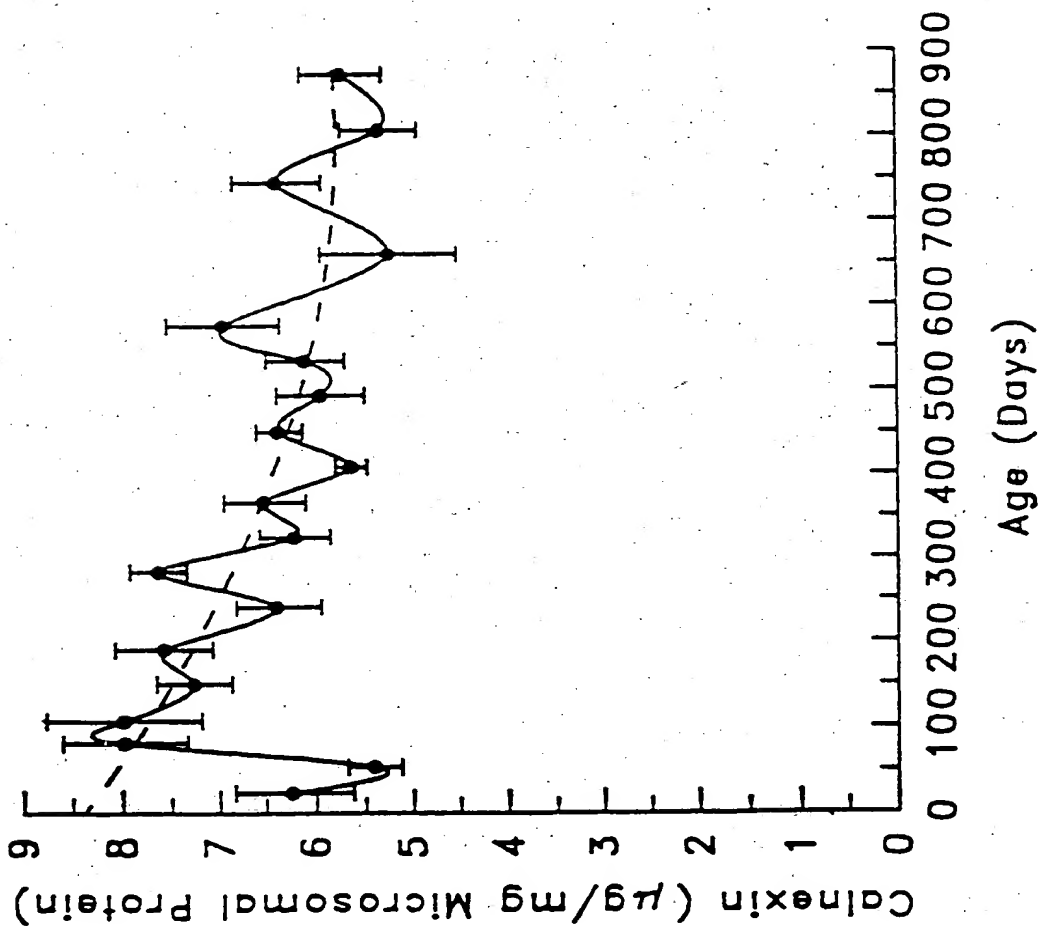


Figure 12: Effect of Age on the Hepatic, Microsomal Calnexin Levels

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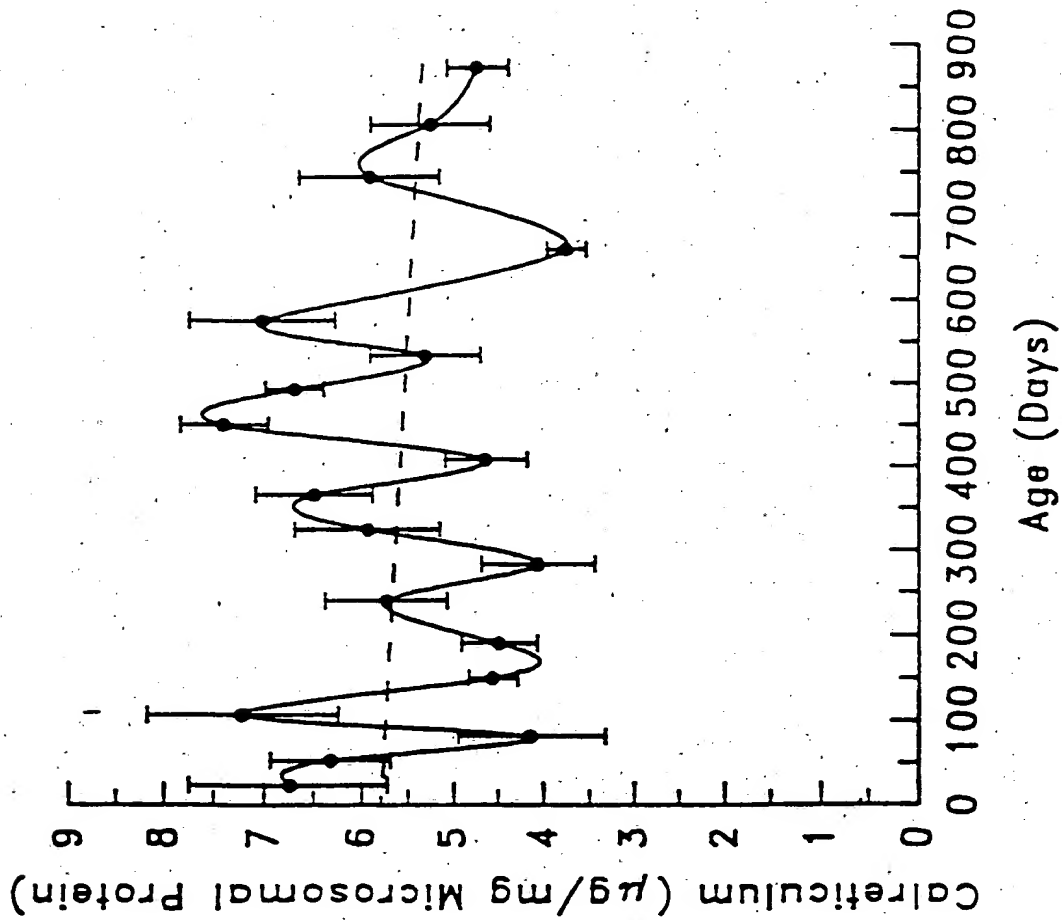


Figure 13: Effect of Age on the Hepatic, Microsomal Calreticulin Levels

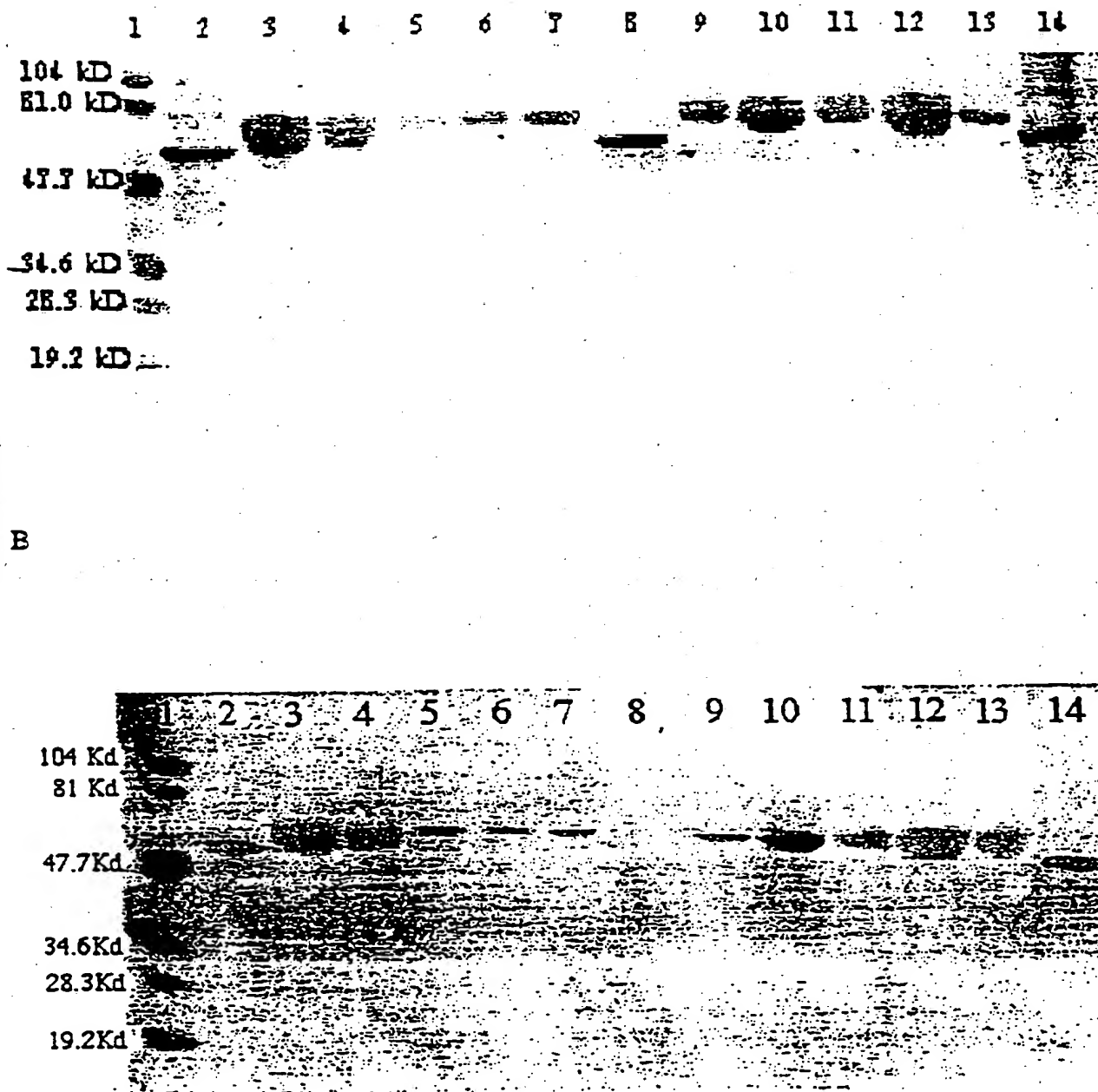


FIGURE 14: Immunoblots with A) Chicken Polyclonal antibodies to α_2 and B) Monoclonal Antibodies to β -amyloid 1-42. Channel 1 - Prestained Standards; Channels 2 - Rat Hepatic Microsomes; Channels 3-7 & 9-14 - 15 μ l of CSF from Normal, Human Subjects, Ages 6 Months to 59 Years; Channel 8 - Purified α_2 .

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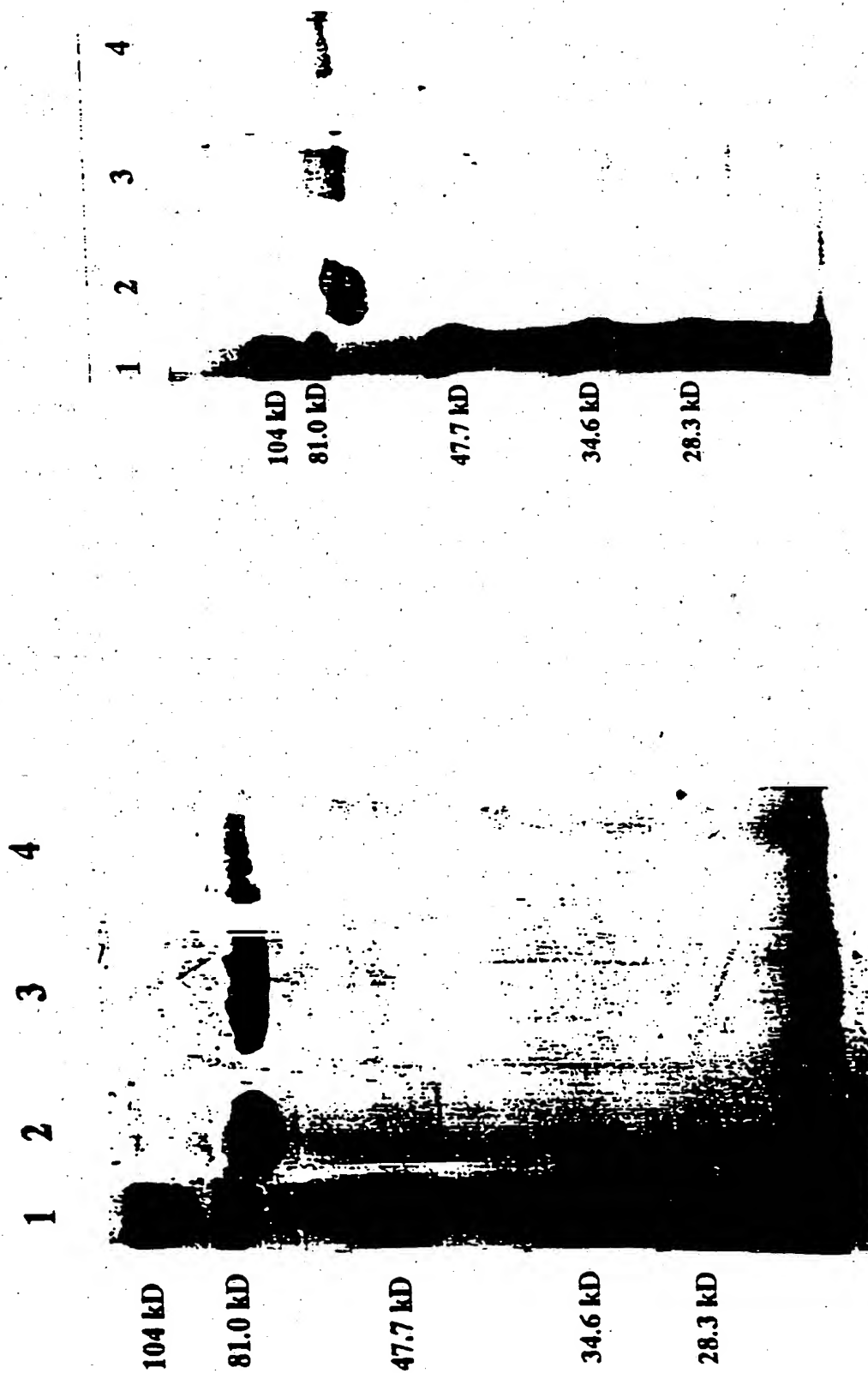


FIGURE 15: Immunoblots with A) Polyclonal antibodies to $Q\lambda$ and B) to β -amyloid 1-42. Channel 1 - Prestained Standards; Channels 2 - CSF; Channel 3 - CSF Separated by affinity chromatography with anti- β -amyloid antibodies; Channel 4 - CSF Separated by affinity chromatography with anti- $Q\lambda$ antibodies

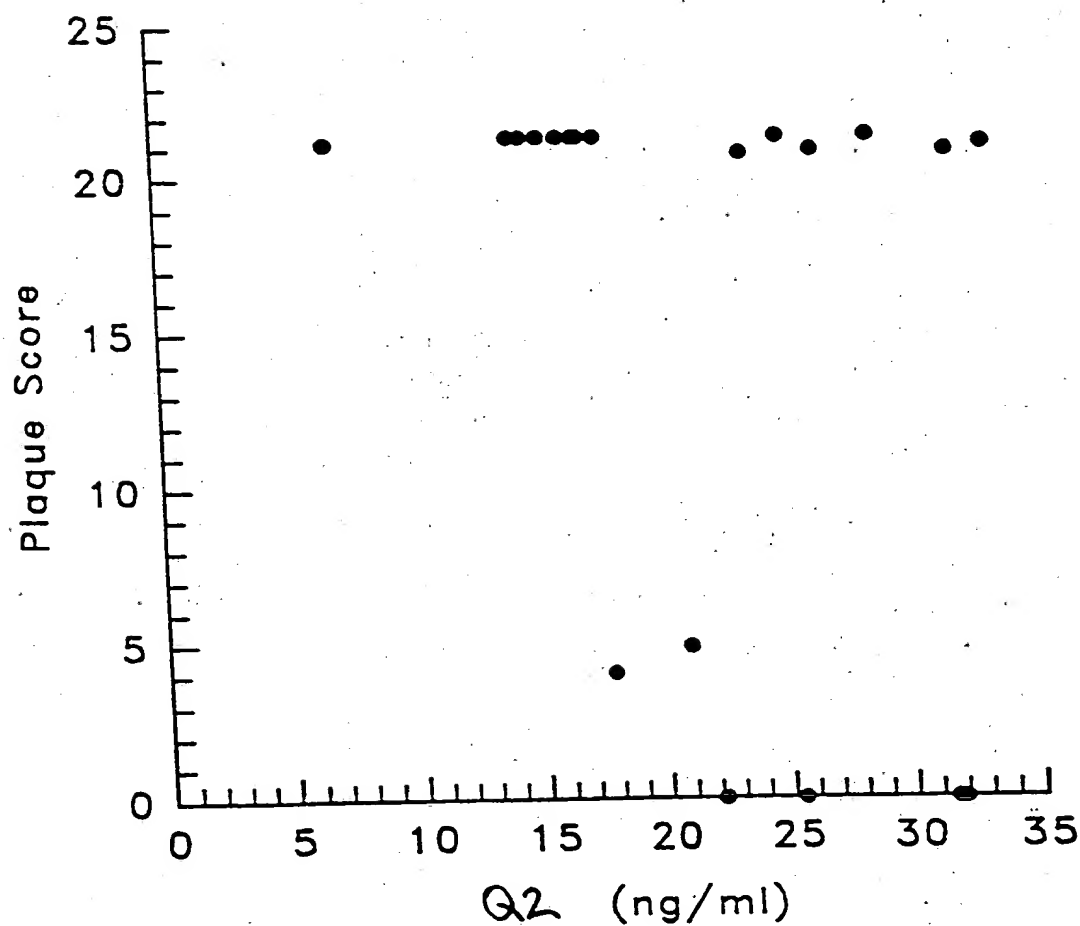


FIGURE 16: The CSF Concentrations of Q2 Compared to Senile Plaque Scores in the Brains of Participants in the Nun Study.

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 51% drop

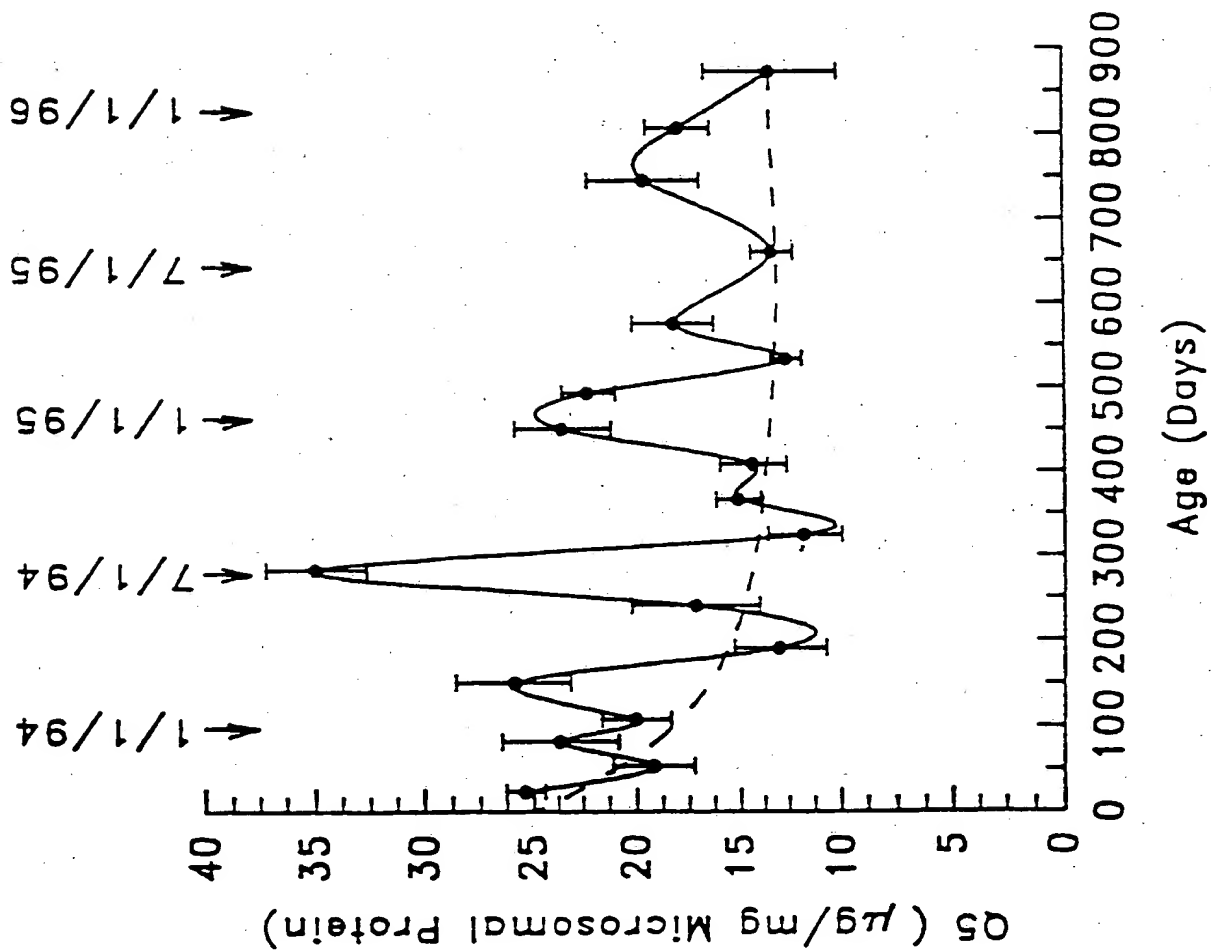
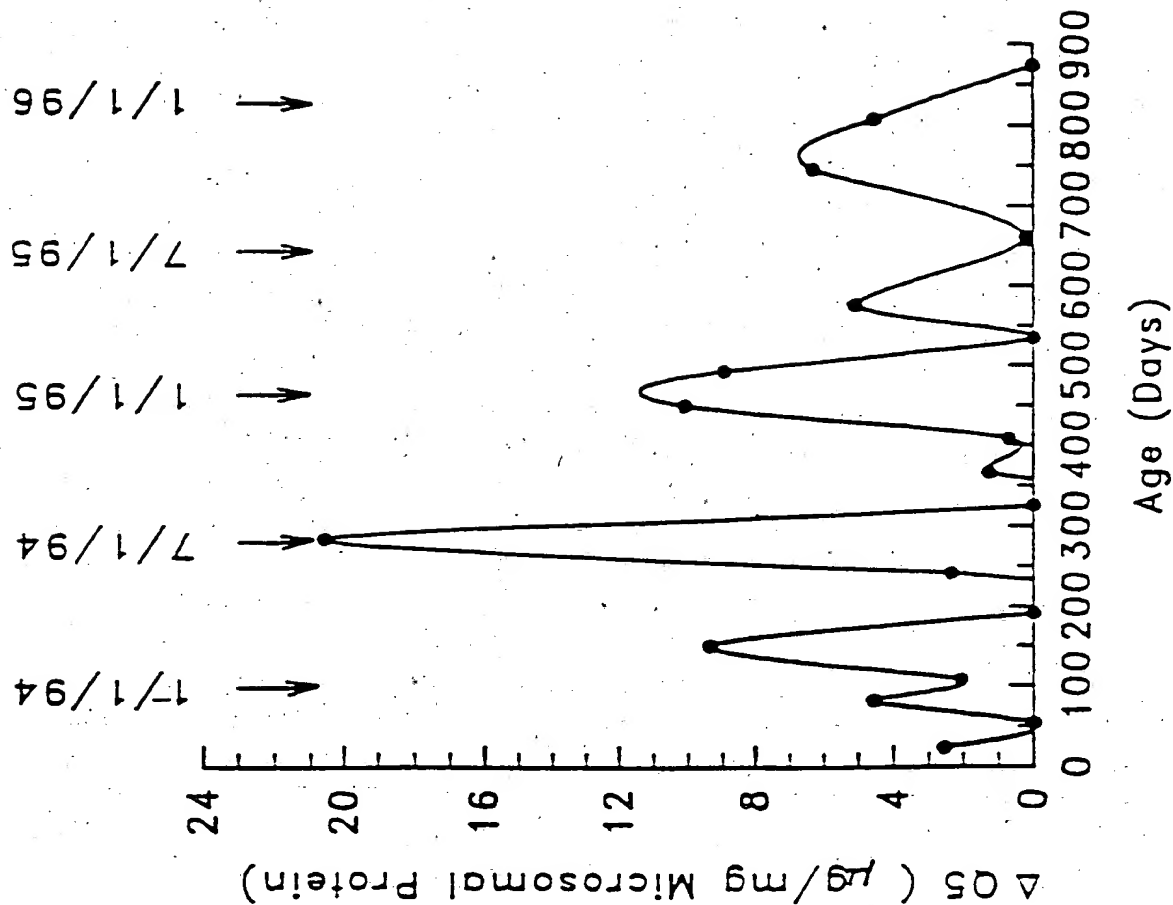


Figure 6: Effect of Age on the Hepatic, Microsomal Q5 Levels

FIGURE 7



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 73% decline between
 204 and 746-000 days

Figure 7: The Effect of Age on the Stress Responsive Levels of Q5.

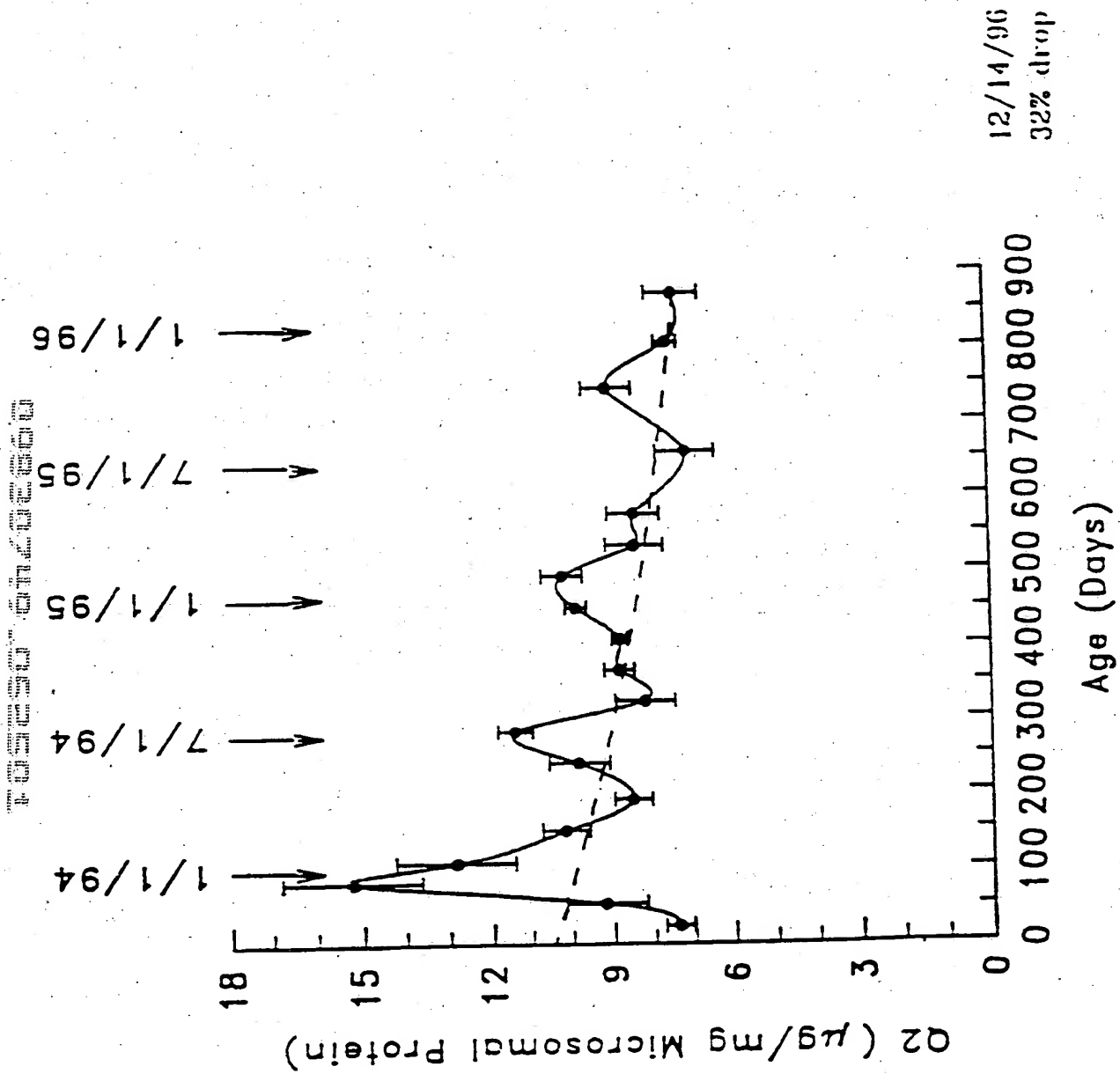


Figure 8: Effect of Age on the Hepatic, Microsomal Q2 Levels

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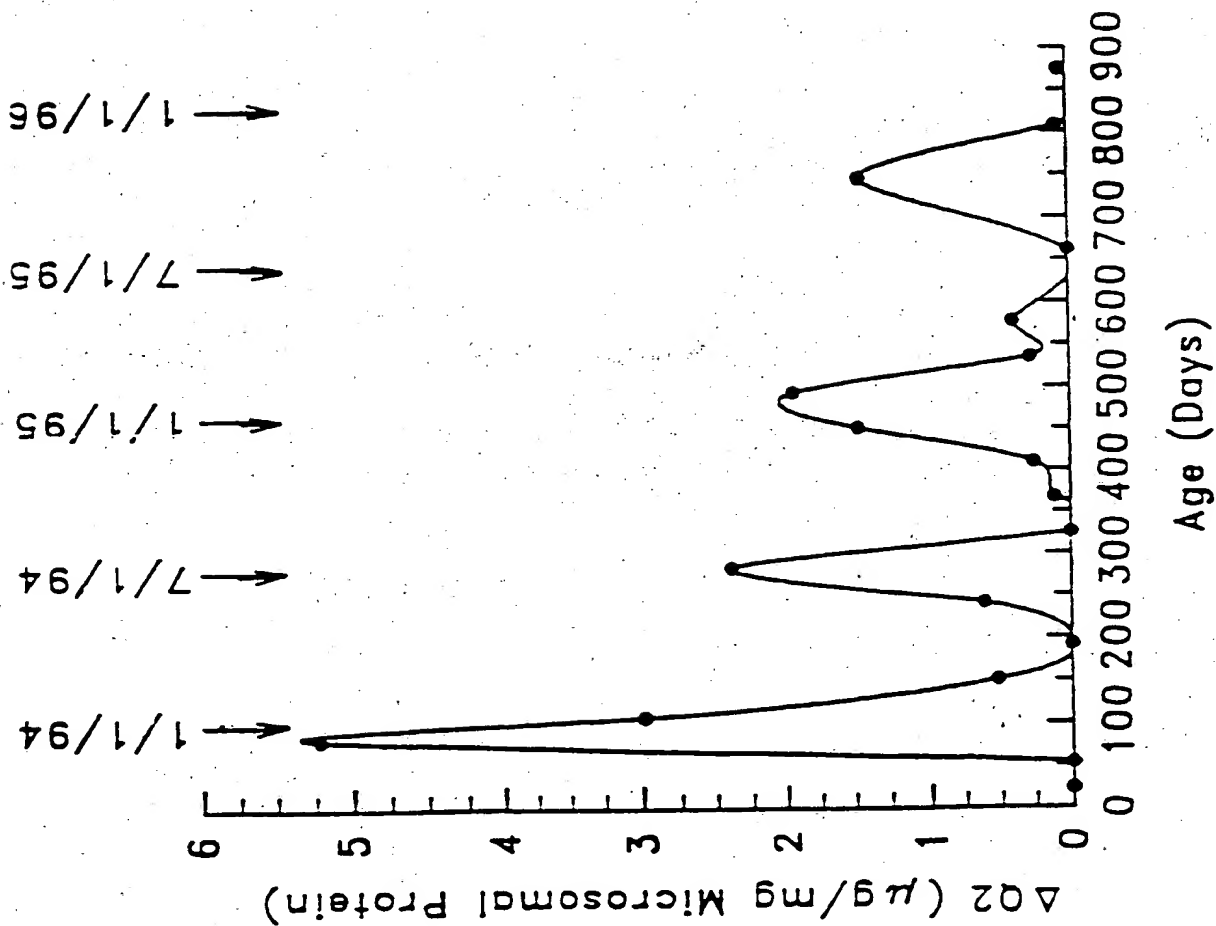


Figure 9: The Effect of Age on the Stress Responsive Levels of Q2.

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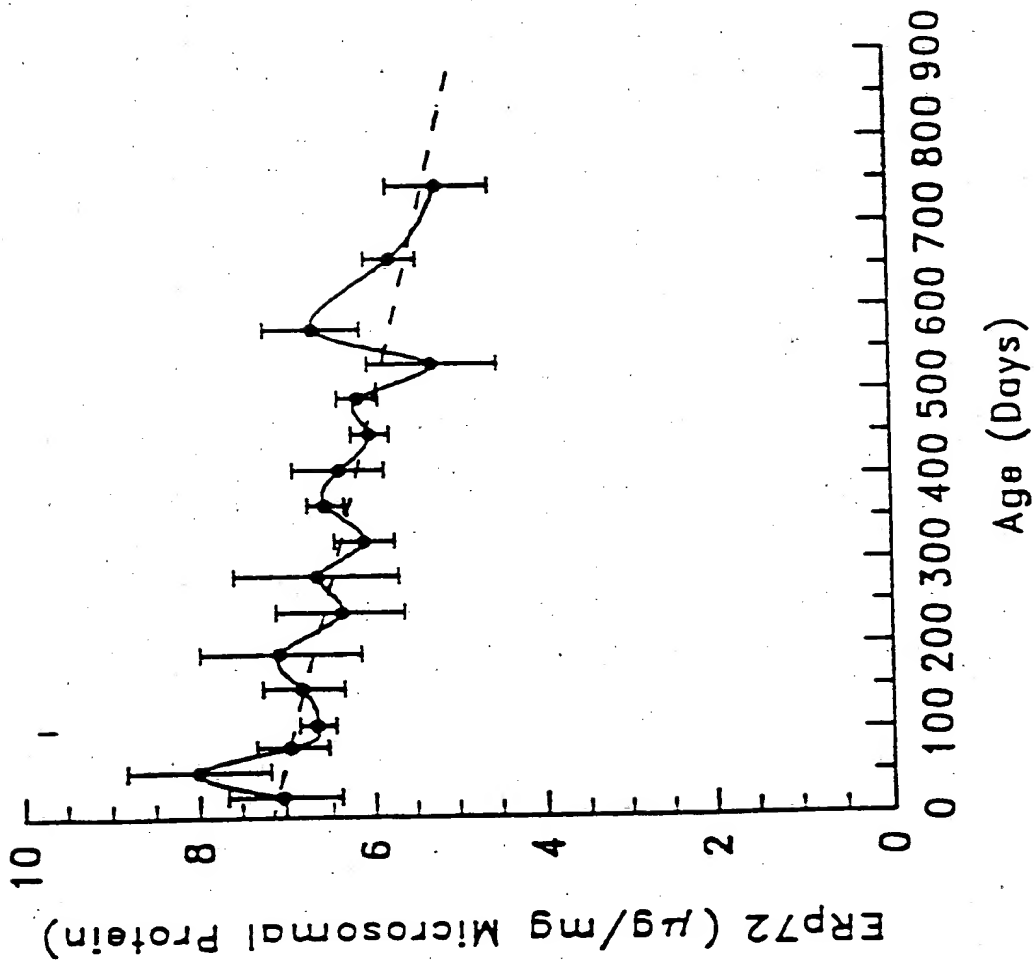


Figure 10: Effect of Age on the Hepatic, Microsomal ERp72 Levels